

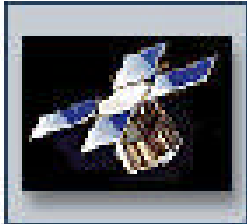
Discovery Program 2004 PreProposal Conference

Welcome and Program Overview

Andrew Dantzler
Discover Program Director

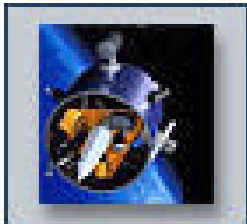
April 23, 2004

Discovery: 10 Missions to date



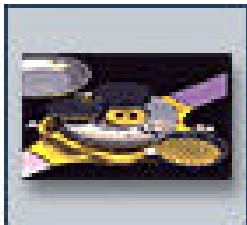
NEAR

Successfully orbited and landed on an asteroid



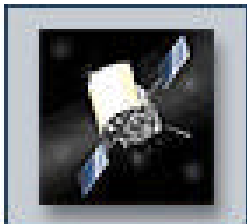
Lunar Prospector

Provided detailed maps of Moon's surface



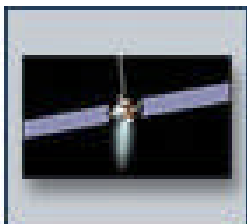
Genesis

Has captured solar wind.
On its way back to Earth



MESSENGER

Mission to Mercury. Launch scheduled for August '04



Dawn

Mission to Ceres and Vesta.
Under development.

Mars Pathfinder

Successfully landed and roved on Mars



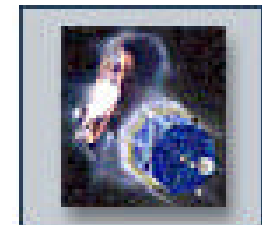
Stardust

Flew through comet's tail and is on its way back to Earth



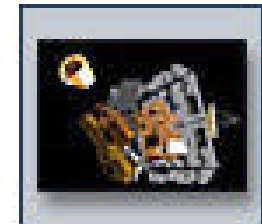
CONTOUR

Mission to comet. Lost during flight.



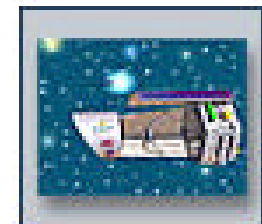
Deep Impact

Will send an impactor onto surface of comet. Launch December 04



Kepler

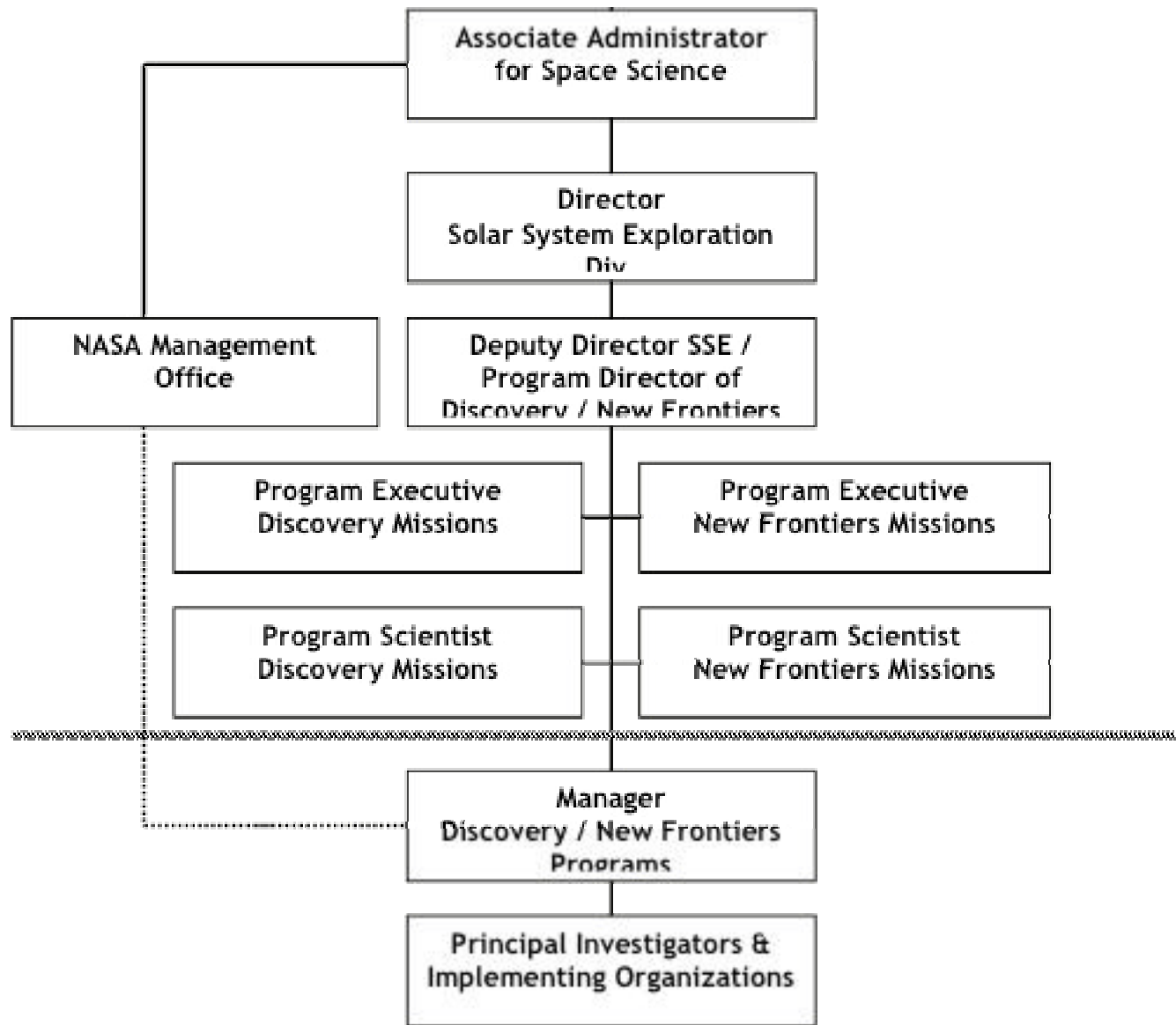
Will search for extra-solar planets. Under development.



The Discovery Program today in a Nutshell

- 10 missions have been selected since Program inception
- This is a successful, highly visible Program, and we strive for continuous improvement in the selection and implementation processes to keep the success coming
- Due to the growing number and complexity of these missions, NASA HQ has established a “Discovery/New Frontiers Program Office” at JPL
 - Based on the successful Explorers Office at GFSC and Mars Exploration Office at JPL
 - This Office is firewalled from all proposal activities.
 - Cost of running the Office is borne by HQ, NOT proposers (there is no reduction to the cap to cover JPL burden)

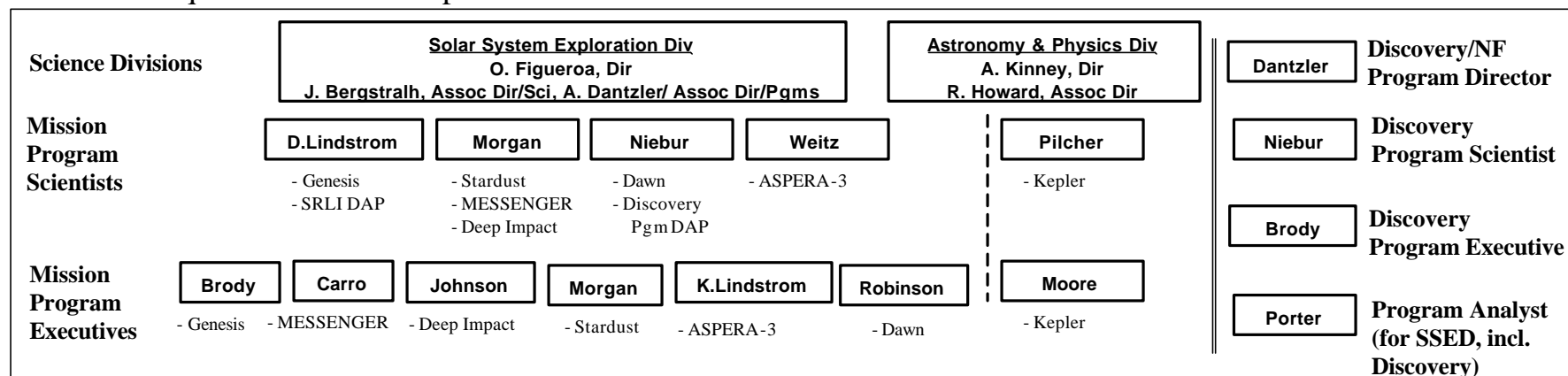
Discovery/New Frontiers Program Org Overview



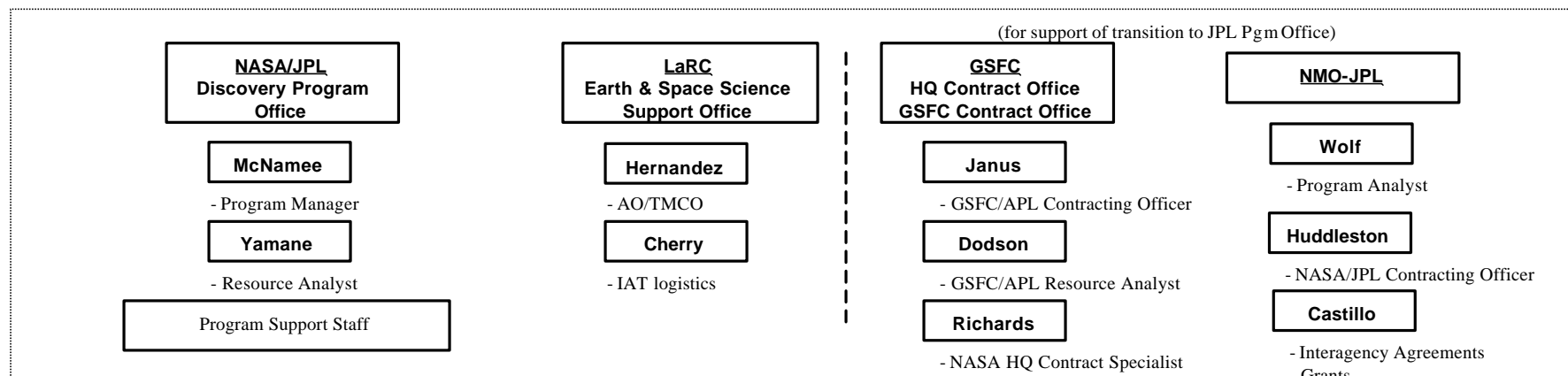
Discovery Program Organization

April 2004

NASA Headquarters Office of Space Science



NASA Field Centers



Discovery Projects

